Fig.1

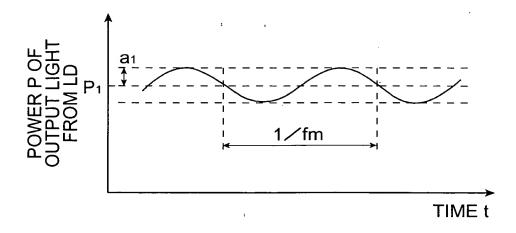


Fig.2A

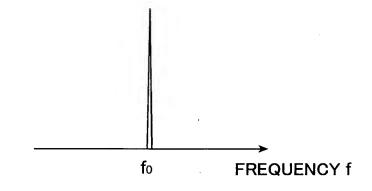
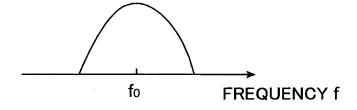
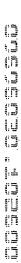


Fig.2B







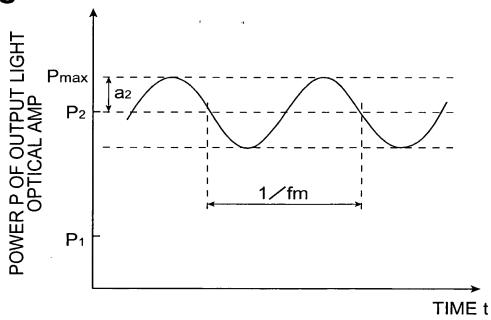


Fig.4A

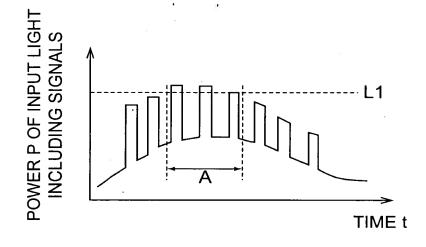
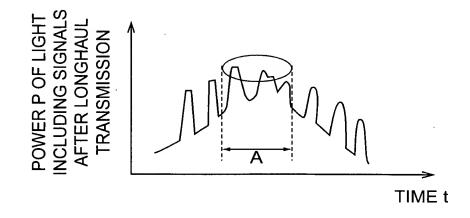


Fig.4B



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Fig.5A

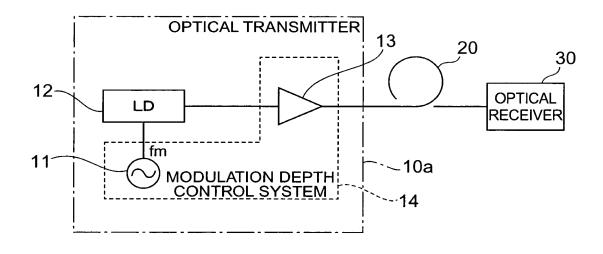
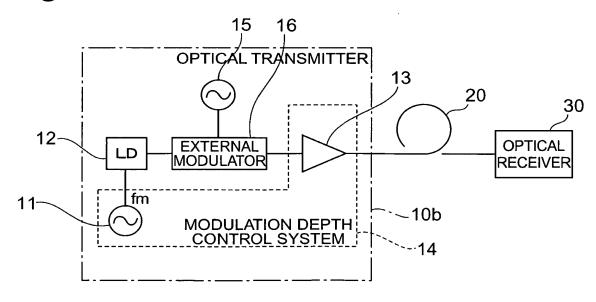
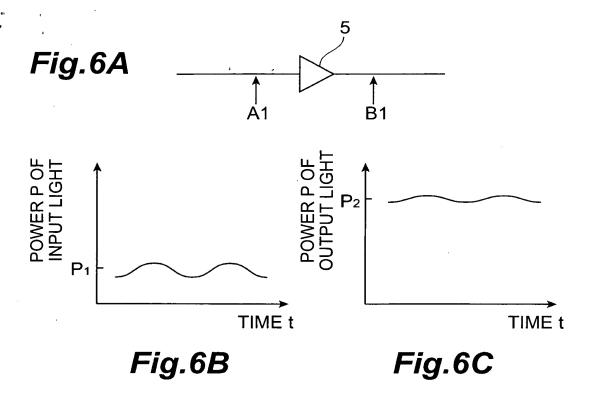


Fig.5B





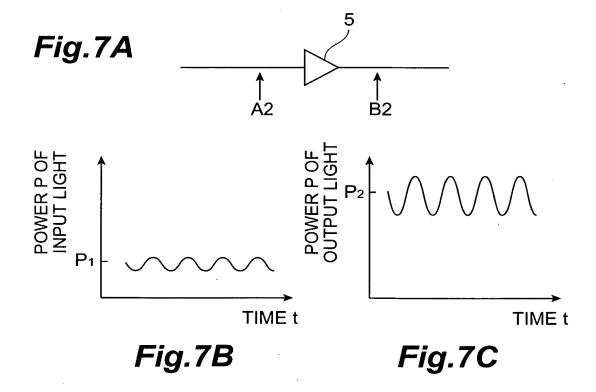


Fig.8A

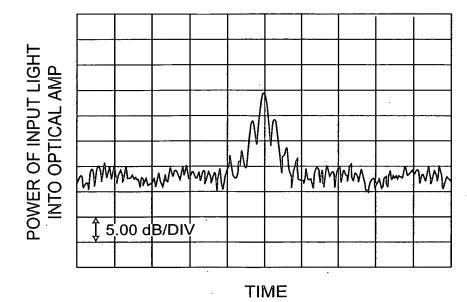


Fig.88

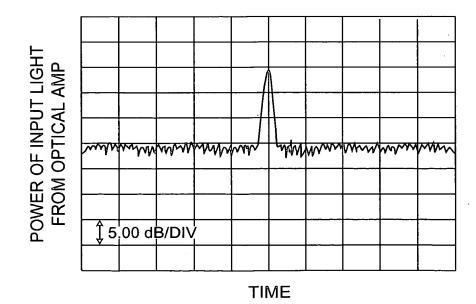


Fig.9A

POWER OF INPUT LIGHT INTO OPTICAL AMP

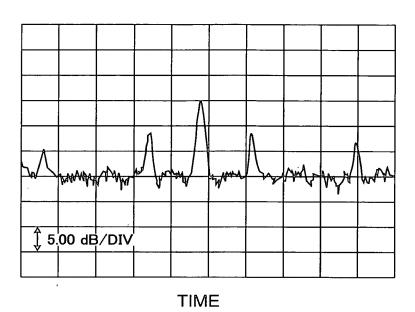
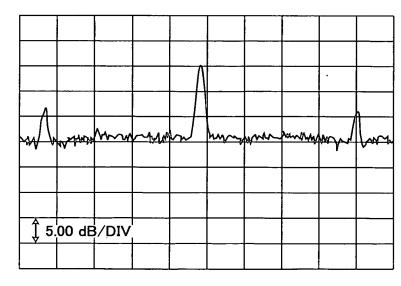


Fig.9B

POWER OF INPUT LIGHT FROM OPTICAL AMP



TIME

Fig. 10A

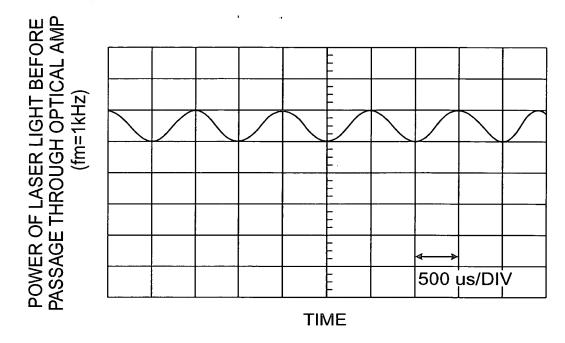


Fig.10B

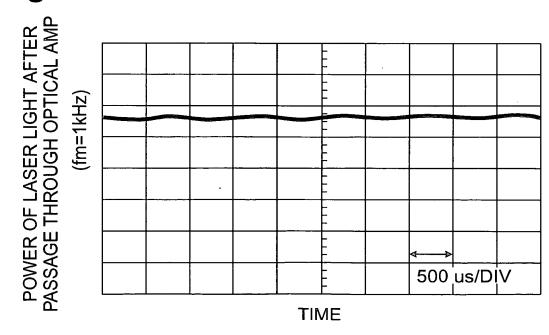


Fig.11A

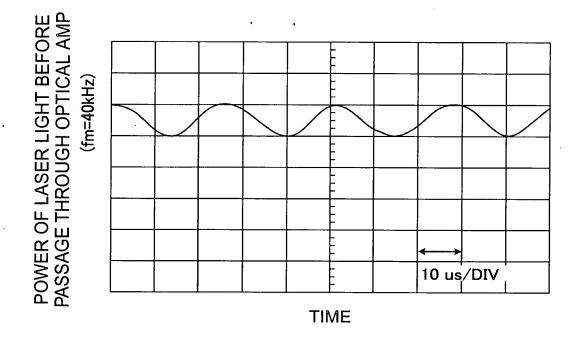


Fig.11B

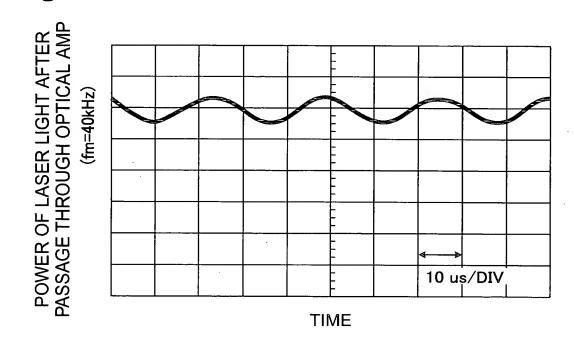


Fig.12

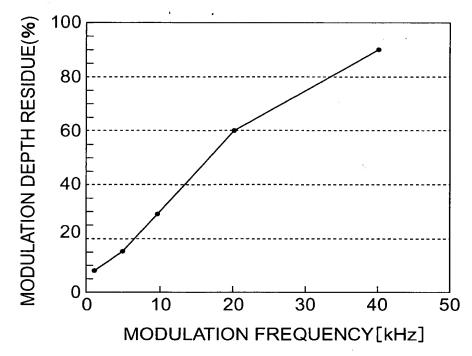


Fig.13

